To: Schumacher, Brian[Schumacher.Brian@epa.gov]

Cc: Orme-Zavaleta, Jennifer[Orme-Zavaleta.Jennifer@epa.gov]; Gentry,

Randall[Gentry.Randall@epa.gov] **From:** Sayles, Gregory

Sent: Sat 1/25/2014 3:11:05 PM
Subject: Fw: PPH Discussion Group

From: Weis, Christopher (NIH/NIEHS) [E] <christopher.weis@nih.gov>

Sent: Friday, January 24, 2014 11:30:07 PM

To: Sayles, Gregory; Clark, Becki **Subject:** Fw: PPH Discussion Group

Tel: 301.496.3512

Christopher P Weis, PhD., DABT.
Office of the Director
National Institute of Environmental Health Science - NIH
Bethesda, MD

From: Ex. 6 - Personal Privacy
Sent : Friday, January 24, 2014 11:17 PM
To: Ex. 6 - Personal Privacy >; arguto.william@epa.gov
To: Ex. 6 - Personal Privacy >; arguto.william@epa.gov <arguto.william@epa.gov>; Ex. 4 - CBI ;; Bucher,</arguto.william@epa.gov>
John (NIH/NIEHS) [E]; burns.fran@epa.gov <burns.fran@epa.gov>; capacasa.jon@epa.gov</burns.fran@epa.gov>
<pre><capacasa.jon@epa.gov>; caporale.cynthia@epa.gov <caporale.cynthia@epa.gov>;</caporale.cynthia@epa.gov></capacasa.jon@epa.gov></pre>
Ex. 6 - Personal Privacy
letitia.tierney@wv.gov <letitia.tierney@wv.gov>; Ex. 4 - CBI</letitia.tierney@wv.gov>
Ex. 4 - CBI; Cseh, Larry (ATSDR/DTHHS/OD); Ex. 6 - Personal Privacy
Ex. 6 - Personal Privacy; martha.a.mcelfresh@wv.gov < martha.a.mcelfresh@wv.gov>;
Masten, Scott (NIH/NIEHS) [E]; Miller, Aubrey (NIH/NIEHS) [E]; Ex. 6 - Personal Privacy
Ex. 6 - Personal Privacy
Ex. 4 - CBI
Ex. 4 - CBI ;Lg Ex. 6 - Personal Privacy ; Singhvi.raj@epa.go\ <singhvi.raj@epa.gov>; Ex. 6 - Personal Privacy</singhvi.raj@epa.gov>
<pre><singhvi.raj@epa.gov>;</singhvi.raj@epa.gov></pre> Ex. 6 - Personal Privacy
Ex. 4 - CBI ; Kapil, Vikas (CDC/ONDIEH/NCEH)
walter.m.ivey@wv.gov <walter.m.ivey@wv.gov>; werner.lora@epa.gov <werner.lora@epa.gov> Subject: RE: PPH Discussion Group</werner.lora@epa.gov></walter.m.ivey@wv.gov>

This email is intended to communicate MATRIC's recent findings.

- 1. Our detection for combined DiPPH and PPH has been improved to 1ppm by using a different GC. We have ran a 1/10/14 sample using the new GC and the result is still "Not Detected".
- 2. We have determined that the PPH ratio in the tank of MCHM is expected to be closer to 90-95%

DiPPH and 5-10% PPH. We had earlier believed the tank contents were 50/50 DiPPH to PPH.

3. Our detection limit is based on being able to detect the DiPPH peak in a standard that represented 0.6 ppm of DiPPH.

We are currently rerunning the Raw and Finished samples from 1/10/14 through 1/16/14 with the other GC that is capable of detecting the DiPPH at 1ppm. We expect to have these results in the morning at around 10AM.

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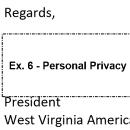
PROCESS ENGINEER

MATRIC | Mid-Atlantic Technology, Research & Innovation Center

Office Ex. 6 - Personal Privacy Mobile:
P.O. Box 8396, South Charleston, WV 25303
www.matricinnovates.com | Twitter | LinkedIn

Original Message			
From: Ex. 6	6 - Personal Privacy	pamwater.com]	
Sent: Friday, January 24, 201	4 6:16 PM		
To: arguto.william@epa.gov;	Ex. 4 - CBI	bucher@niehs.nih.gov;	
burns.fran@epa.gov; capacasa.jon@epa.gov; 'caporale.cynthia@epa.gov'; ' Ex. 6 - Personal Privacy			
christopher.weis@nih.gov	Ex. 6 - Personal Privacy		
		letitia.tierney@wv.gov	v';
Ex. 4 - CBI	; loc3@cdc.gov; Ex	. 6 - Personal Privacy	
Ex. 6 - Personal Privacy } 'martha.a.mcelfresh@wv.gov'; masten@niehs.nih.gov;			
miller.aubrey@nih.gov;	Ex. 6 - Perso	onal Privacy	Ex. 4 - CBI
Ex. 4 -	- CBI	Ex. 6 - Personal Privacy singhv	i.raj@epa.gov;
Ex. 6 - Personal Privac	y Ex. 4 - CI	ві ; 'vck3@cdc.gov';	
'walter.m.ivey@wv.gov'; wer	rner.lora@epa.gov		
Subject: Re: PPH Discussion (Group		

Corrected email for Jon Capacasa now included.



West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302

Ex. 6 - Personal Privacy

www.amwacer.com

From

Ex. 6 - Personal Privacy

christopher.weis@nih.gov, arguto.william@epa.gov, loc3@cdc.gov,

burns.fran@epa.gov, capacasa.john@epa.gov,

bucher@niehs.nih.gov, masten@niehs.nih.gov, miller.aubrey@nih.gov, singhvi.raj@epa.gov, werner.lora@epa.gov

Date: 01/24/2014 05:55 PM

Subject: PPH Discussion Group

This is the entire PPH discussion group as I understand it right now. REIC labs is working overnight attempting to lower the 1.2 ppm detection limit achieved by MATRIC.

Once we here from REIC in the morning we will set up another conference call for the group.

Regards,

Ex. 6 - Personal Privacy

President West Virginia American Water 1600 Pennsylvania Avenue Charleston, WV 25302

Ex. 6 - Personal Privacy

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